

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): An ocular stimulation device, comprising a noninvasive contact lens with a photoconductive member embedded in a surface thereof for electrically stimulating an eye of a wearer of the lens, wherein the member includes a return electrode and a stimulating electrode that is generally centrally disposed on the lens.

Claim 2 (previously presented): The device of Claim 1, wherein the member comprises a substrate that generates an electrical current to an eye in response to electromagnetic radiation.

Claim 3 (original): The device of Claim 2, wherein the substrate generates an electrical current to an eye in response to exposure of the substrate to electromagnetic radiation in the near infrared spectrum.

Claim 4 (previously presented): The device of Claim 3, wherein the substrate generates an electrical current in an eye in response to exposure to electromagnetic radiation in a wavelength from about 880 nm to about 940 nm.

Claim 5 (previously presented): The device of Claim 2, comprising a plurality of substrates on the lens arranged in series.

Claim 6 (previously presented): The device of Claim 2, comprising a plurality of substrates on the lens arranged in a combination of a parallel manner and in series .

Claim 7 (previously presented): The device of Claim 2, wherein the substrate is a photodiode.

Claim 8 (previously presented): The device of Claim 2, wherein the substrate is a phototransistor.

Claim 9 (previously presented): The device of Claim 2, wherein the substrate is a solar cell.

Claim 10 (canceled):

Claim 11 (previously presented): The device of Claim 2, wherein the substrate provides anodic stimulation.

Claim 12 (previously presented): The device of Claim 1, wherein the substrate provides cathodic stimulation.

Claim 13 (previously presented): The device of Claim 1, wherein the substrate provides anodic and cathodic stimulation to the ocular system.

Claim 14 (original): The device of Claim 1, further comprising stimulating eye glasses.

Claim 15 (previously presented): The device of Claim 14, wherein the stimulating eye glasses have lenses that filter infrared light.

Claim 16 (previously presented): The device of Claim 14, wherein the stimulating eye glasses have one or more light emitting diodes associated therewith.

Claim 17 (previously presented): The device of Claim 16, wherein the one or more light emitting diodes emits electromagnetic radiation in the near infrared or infrared wavelengths.

Claim 18 (original): The device of Claim 17, wherein a first one or more light emitting diodes emits electromagnetic radiation at a first wavelength, and a second one or more light emitting diodes emits electromagnetic radiation at a second wavelength different from the first wavelength.

Claim 19 (previously presented): The device of Claim 18, wherein the first one or more light emitting diodes emits light at about 880 nm, and the second one or more light emitting diodes emits light at about 940 nm.

Claim 20 (canceled):

Claim 21 (canceled):

Claim 22 (currently amended): The device of Claim [[2]]1, wherein the stimulating electrode comprises two arcuate-shaped electrodes.